Quality Control

										DQA:	Date:	
NCR:	Yes / No				WORK ORDER NON-C	CON	NFOR	MANCE / UP	DATE			
										QA Closed:	Date:	
Work Ord	er:				DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
Part I	Part No.  NCR No.				Rework Scrap Use-as-is Work Order Update		Skid-tube Crosstube Machining Small Fab Thermoforming Finishing Large Fab Composite  Initial Action			4	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root				Descri	ption of work order update	li	nitial	Act	ion	Sign &		
Cause	Date	Step	Qty		or Non-conformance	Chi	ief Eng	Descr	iption	Date	Verification	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved	2013-01-			603	1 8.391							
	<del></del>					AUL'	T CATE	GORY				
Landi	ng Gear			_	General				_	7		7
	Bending Centre N Cracks Crushed/ Cuffs			o/s	Bend BOM/Route Broken/Damaged Burrs Contamination			on Incomplete ions Incomplete/L	Jnclear	Ovalized Over/Under Part Incorre Part Lost/M Part Moved	ct	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled
	Heat Treat			1	Countersink		Mislabeled			Positioned V	Vrong	

Misread

Out of Calibration

Out of Sequence

Outside Dimensions

Offset

Power Loss/Surge

Other

Ripples in Bend

Turning Sequence

Wave/Twist in Tube

Inspection Strip in Tube

Torque Waves in Extrusion

Cut Too Short

Drill Holes

Drawing

Finish

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Work Ord January-09-13				*95?	39(	)* 						Page 2	<u></u>
Item ID: Revision ID: Item Name:	D3121-141 Bracket Asser	mbly	A	ccept	*	<b>1</b> 900	<b>040</b>	100	)* Se	etup Start Stop	171.	S1* S2*	
Start Date: Required Date: Reference:	1/15/13	Start Qty: 12.00 Req'd Qty: 12.00	*12* *12*			Cust Item I Customer:	D:			0.			
Approvals:		an:	Date:	Tooling: SPC (Y/N):			ate: ate:		R	un Start Stop		R1* R2*	
Sequence ID/ Work Center I 130 *130* QC Quality Control	ID	Operation Description QC8- Inspect parts - secon	nd check	Set Up/ Run Hours 0.00	Z- A	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp OAS OB	<del></del>
*140 *140 *Small Fab Small Fab		Small Fab <b>Memo</b> Assemble D3	3121-141 as per Dwg D3121	0.00			,		12x			B	/ 12 ft
150 *150* QC Quality Control		QC5- Inspect part comple	eteness to step on W/O	0.00 0.00 35 15.	3 3 29				<i>[</i> 2]				

					•							DQA:	Date:				
NCR:	Yes	/ No					WORK ORDER NON-C	100	<b>NFOR</b>	ANCE / UPD	ATE	•					
												QA Closed:	Date:				
Work Ord	er:						DISPOSITION			AGAINST DEPARTMENT/PROCESS							
Part I							Rework Scrap Use-as-is Work Order Update		Thern	Skid-tube  Machining  noforming  Large Fab	Crosstube Small Fab Finishing Composite		Water Jet d. Eng. Coor. e/Packaging Supplier	Engineering Quality Other			
Root Cause		Date	Step	Qty	Des		otion of work order update or Non-conformance	ł	nitial iief Eng	Actio Descrip		Sign & Date	Verification	QC Inspector			
oc/Data		Dute	эсер	αι,	<del></del>		W Non comormance	C11	iler erig	Descrip	ption	Date	Verification	QC IIISPECTOI			
quip/Tooling																	
perator																	
laterial									;								
etup 5( ther																	
rocess		:															
upplier																	
raining			:					1									
napproved																	
							F,	AUL	T CATE	GORY							
Landi	ng (	Gear					General										
		Bending					Bend		Grain			Ovalized		Pressure/Forced			
		Centre No	t Concen	itric to C	D/S		BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure			
		Cracks					Broken/Damaged		Inspecti	on Incomplete		Part Incorred	t	Weld			
	$\vdash$				Burrs		Instruct	ions Incomplete/Ur	nclear	Part Lost/Mi	ssing	Wrong Stock Pulled					
		Cuffs					Contamination		Mainte	nance		Part Moved					
		Heat Trea	t				Countersink		Mislabe	led		Positioned V	/rong	_			
		Inspection	Strip in	Tube			Cut Too Short		Misread	1		Power Loss/:	Surge	Other			
		Ripples in	Bend				Drill Holes		Offset								
		Torque W	aves in E	xtrusior	ı [		Drawing		Out of (	Calibration							
Turning Sequence							Finish		Out of 9	equence							

Outside Dimensions

Wave/Twist in Tube

Work Ord January-09-13				*953	390*							Page 3
Item ID: Revision ID:	D3121-141			Accept	*N900	<b>040</b>	100	<b>*</b>	Setup	Start Stop	1 74 .	S1*
Item Name: Start Date: Required Date Reference:	Bracket Asse 1/15/13 e: 1/31/13	Start Qty: 12.00 Req'd Qty: 12.00	*12* *12*		Cust Item I Customer:	D:				Stop	^N;	S2*
Approvals:		an:	Date:	Tooling: _ SPC (Y/N):		ate:		1	Run	Start Stop		R1* R2*
Sequence ID/ Work Center	ID	Operation Description Identify as per dwg & Sto		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Re Qt	•	Reject Number	Insp. Stamp
*160* Packaging Packaging		Memo	St236A	0.00	ſ						]	130 (1
170		QC21- Final Inspection -	· Work Order Release	0.00						<i>i</i> }	_	1/

0.00

Memo

\*170\*

Quality Control

13/1/31 D

											DQA:	Date:	
NCR:	Yes	/ No				WORK ORDER NON-O	COI	NFORM	MANCE / UP	DATE			
								<del>"</del>			QA Closed:	Date:	
Work Ord	er:					DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
Part I	1 1					Rework Scrap Use-as-is Work Order Update	Skid-tube Crosstube  Machining Small Fab  Thermoforming Finishing  Large Fab Composite			1	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other	
Root					Descri	ption of work order update		Initial	Ac	tion	Sign &		
Cause		Date	Step	Qty	(	or Non-conformance	Ct	nief Eng	Desc	ription	Date	Verification	QC Inspector
Doc/Data								-					
Equip/Tooling	L												
Operator													
Material													
Setup				,									
Other ·			•										
Process													
Supplier													
Training			•										
Unapproved													
						F.	AUI	T CATE	GORY				
Landi	ng (	Gear				General		_			_		
		Bending				Bend		Grain			Ovalized		Pressure/Forced
		Centre No	ot Concer	ntric to (	D/S	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure
		Cracks	•			Broken/Damaged		Inspecti	on Incomplete		Part Incorre	ct	Weld
		Crushed/	Crimped.			Burrs		Instruct	ions Incomplete/	Unclear	Part Lost/M	issing	Wrong Stock Pulled
		Cuffs				Contamination		Mainte	nance		Part Moved		<b>-</b>
		Heat Trea	t			Countersink		Mislabe	led		Positioned \	Vrong	
		Inspection	n Strip in	Tube		Cut Too Short	Misread			Power Loss/	Surge	Other	

Offset

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Torque Waves in Extrusion

Drill Holes

Drawing

Finish

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Required Date: 1/31/13

Required Qty: 12.00

**Start Date: 1/15/13** 

**Start Qty: 12.00** 

January-09-13 12:37:33 PM

Work Order ID:

95390

Parent Item:

D3121-141

Parent Item Name:

Bracket Assembly

Comments:

IPP Rev:Pick:A04.02.18New issueKJ/DS

IPP Rev:B ECN 1060 07-11-12 DD verified by: EC

Component Item ID/ tem Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
<b>)3121-21</b> Bolt		Manufactured	No			140	Each	40.0000	1	12	6	Dis	3/01
				Location		Loc Qty	Lo	c Code					, ,
				ST235		40						_ ,	
				7973	32	4					•	R 94	500
				8566		1					)		(120
				8949		1							(4)
				8990		8					_		
				9230	66	26	г1	25,0000	-				/ /
3121-241		Manufactured	No			100	Each	35.0000	Ī	12		13/	0/12
Bearing Assembly				<b>Location</b>		Loc Qty	Le	oc Code	riginalizati pagasiri ili 100 km e		7	of interest of some	1
				FG		<u>200 Q.,</u>	223	e oout					
				898	26	4				/		795	92
				ST235A	20	31						40	(16
				919.	54	31			<del></del>				
4174B1.250X02.000		Purchased	No			140	f	53.3653	0.55	6.94736	88		
7-4 SS Bar 1.250 x 2.00									•				
				<b>Location</b>		Loc Qty	<u>L</u> c	oc Code					
				MAT049		53.3653							
				114		2							
				119		2							
				122		6.23							
				123		18.1353				equ-	ont	12/	1/2
				<b></b> 124	180	25						- 10/0	1121

												DQA:	Date:			
NCR:	Yes	/ No					WORK ORDER NON-C	100	NFORI	MANCE / UP	DATE	·				
						_						QA Closed:	Date:			
Nork Ord	er:						DISPOSITION		AGAINST DEPARTMENT/PROCESS							
Part	No.						Rework Scrap Use-as-is			Skid-tube Machining Moforming	Crosstube Small Fab Finishing	4	Water Jet d. Eng. Coor. e/Packaging	Engineering Quality Other		
NCR	No.		<del></del>				Work Order Update	]		Large Fab	Composite		Supplier			
Root					Des	crip	otion of work order update		nitial	Ac	tion	Sign &				
Cause		Date	Step	Qty		c	or Non-conformance	Ch	ief Eng	Desc	ription	Date	Verification	QC Inspector		
oc/Data																
quip/Tooling																
perator																
1aterial											•					
etup			İ													
ther																
rocess																
upplier																
raining		,	1					ļ								
napproved																
							F	AUL	T CATE	GORY						
Landi	ng (	Gear			_		General		_			_				
	L.,	Bending					Bend		Grain			Ovalized		Pressure/Forced		
		Centre No	ot Concer	ntric to	o/s		BOM/Route	Г	Hardwa	re		Over/Under	tolerance	Temperature/Cure		
		Cracks					Broken/Damaged		Inspect	on Incomplete		Part Incorred	ct 🗆	Weld		
	Crushed/Crimped. Burrs					Burrs		Instruct	ions Incomplete/	'Unclear	Part Lost/Mi	ssing	Wrong Stock Pulled			
	Cuffs Contamination						Contamination		Mainte	nance		Part Moved				
	Heat Treat Countersink					Countersink		Mislabeled			Positioned V	Vrong				
		Inspection	n Strip in	Tube			Cut Too Short					Other				
	Ripples in Bend Drill Holes						Drill Holes	Offset								
		Torque W	aves in E	xtrusio	1		Drawing		Out of	Calibration						
	Turning Sequence Finish								Out of Sequence							

Outside Dimensions

Wave/Twist in Tube

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

DART AEROSPACE LTD	 <u> </u>	<i>45390</i>
DARI AERUSPACE LID	Work Order:	95Til
Description: Bracket		
Control of the second of the second	 Part Number:	D3121-111
Inspection Dwg: D3121 Rev: E		Page 1 of 1

## FIRST ARTICLE INSPECTION CHECKLIST

X	First Article	Prototype	
---	---------------	-----------	--

	Drawing	Talana	Actual			Method of	
	Dimension	Tolerance	Dimension	Accept	Reject	Inspection	Comments
	Ø0.392	+0.002/-0.000	0.3924		<del> </del>		EX.0 00
	0.75	+/-0.030	0.751		<del>                                     </del>		OFC-02
	0.375	+/-0.010	0.375	1/	<del> </del>		OPE-01
L	2.14	+/-0.030	2.131	<del>                                     </del>		L	
L	1.96	+/-0.030	1.965		<u> </u>		1,
L	0.280	+/-0.010	0.275	1		<u> </u>	11
- [	3.330	+/-0.010	3.330	1			
	3.630 "	+/-0.010	3.625				<u> </u>
L	R0.25	+/-0.030	R.250				(1
	R0.375	+/-0.010	R.O. 375				of e
L	Ø0.201	+0.005/-0.001	0.201				JrC.
L	0.100	+/-0.010	0094				3fe-01
L	4.580	+/-0.010	4.575	<i>-</i>			· · · · · · · · · · · · · · · · · · ·
	6.18	+/-0.030	6.185	✓			
	5.89	+/-0.030	5.896				Ofe-01
L	0.080	+/-0.010	0.0785				ί,
L	0.300	+/-0.010	0.294				(1
	30°	+/-0.1°	300.	<u> </u>			The state of the s
L	R0.25	+/-0.030	R.0.25				- ST
L	0.130	+/-0.010	0.129				75000
L	0.664	+/-0.010	0-666				31006
	0.381	+/-0.010	0.380				
	0.201	+/-0.010	0.300	V			Steal
	0.400	+/-0.010	0,399				<u> </u>
	0.580	+/-0.010	0.579	V			()
	100°	+/-0.1°	1000	V			Ofe
	0.032	+0.000/-0.010	0.030				GA-08
		20					31100

Managered how 1000 1000					
Measured by:	Audited by:	a.Q	DAG	Prototype Approval:	N/A
Date: 2013-01-23	Date:	13/01/28	8-89 OB	Date:	N/A

Ke	/ Date	Change	Davis ad by	
Α	04.01.12	New Issue P/O D3121-141	Revised by	Approved
В	04.05.05	170 00121-141	KJ/RF	1
	00.00.00	Dimensions changed/re-arranged per Dwg revision	KJ/JLM	
<u> </u>		Dwg Rev. updated	KJ/JLM	<del> </del>
	08.01.16	Dimensions updated per Dwg Rev. E	1010000	<del></del>
E	08.05.28	Tolerance revised for Ø0.201 dimension	KJ/EC/DD	
	1 30.00.20	Tolerance revised for 20.201 dimension	KJ/DD	



(‡)

 $\bigoplus$ 

DESIG	DESIGN DRAWN BY		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHEC	KED	APPROVED	DRAWING NO. REV. E	
	91	THE STATE OF THE S	D3121 SHEET 1 OF 10	
DATE			TITLE SCALE	
07.1	11.07		BRACKET ASSEMBLY 1:2	
Α		02.04.15	NEW ISSUE	
В		03.01.16	ADD RIDGES; ADD MAT'L PROP; FIX P/N ADD -141/-143/-144/-145/-146	
С		04.02.17	ADD CLEARANCE; USE -241 BEARING	
D		06.05.17	D3121-25 CAP WAS 1.024, NOW 1.000	
E		07.11.07	ADD TOLERANCE TO 0.032 (DETAIL B)	

# RELEASE

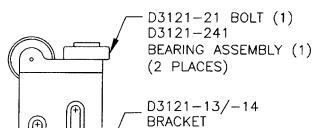
D3121-21 BOLT (1 D3121-241	)
BEARING ASSEMBLY	(1)

D3121-11 BRACKET

#### D3121-041 BRACKET ASSEMBLY

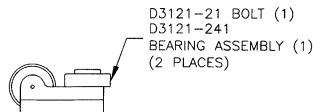
(REPLACES PREMIER P/N B30-23000-33)

UNCONTROLLED CO.



#### D3121-043 (SHOWN) (OPPOSITE) BRACKET ASSEMBLY

(REPLACES PREMIER P/N B30-23000-37/-38)



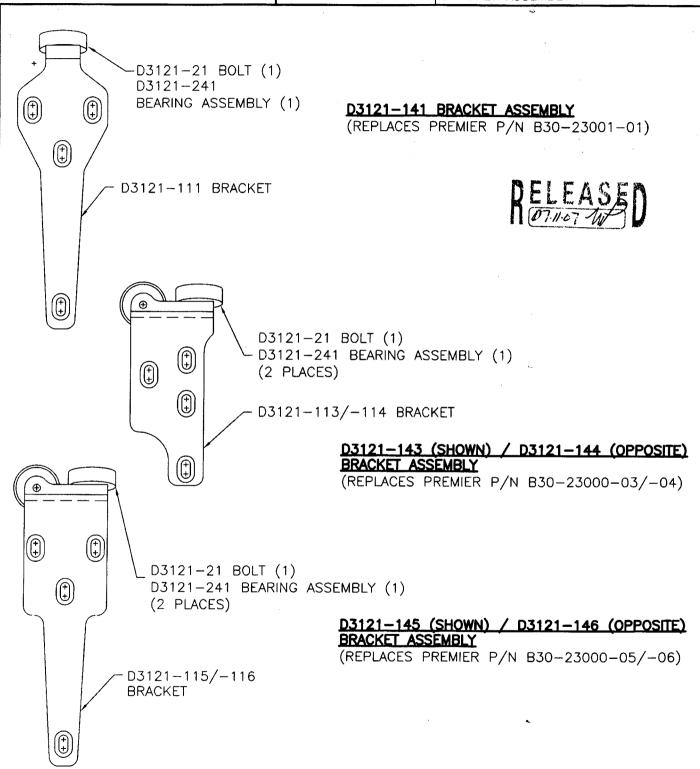
D3121-15/-16 BRACKET

#### D3121-045 (SHOWN) / D3121-046 (OPPOSITE) BRACKET ASSEMBLY

(REPLACES PREMIER P/N B30-23000-35/-36)



DESIGN	DRAWN BY	DART AEROSP HAWKESBURY, ONTARK	
CHECKED	APPROVED	DRAWING NO.	REV. E
4F		D3121	SHEET 2 OF 10
DATE		TITLE	SCALE
07.11.07		BRACKET ASSEMBLY	1:2

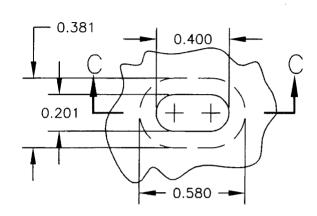


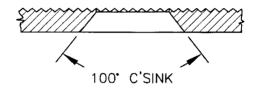
Copyright © 2002 by DART AEROSPACE LTD



DESIGN	DRAWN BY	DART AEROSI HAWKESBURY, ONTA	
CHECKED	APPROVED,	DRAWING NO.	REV. E
4	<b>-#</b>	D3121	SHEET 3 OF 10
DATE		TITLE	SCALE
07.11.07		BRACKET ASSEMBLY	1:1







SECTION C-C



## **DETAIL B:** PARTIAL SECTION SCALE 1:20

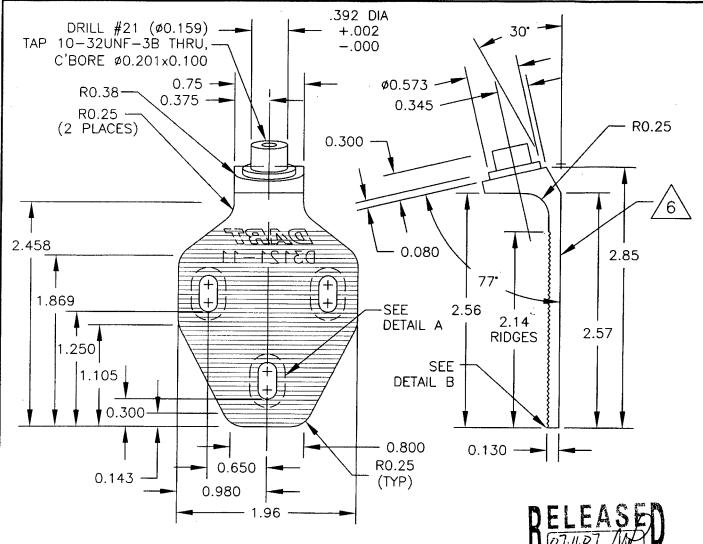
0.050 (TYP)

- 0.025 (TYP)

 $0.032^{\,+0.000}_{\,-0.010}$ 



	DESIGN	DRAWN BY	DART AEROS HAWKESBURY, ON	
	CHECKED	APPROVED,	DRAWING NO.	REV. E
	#	-#	D3121	SHEET 4 OF 10
ı	DATE		TITLE	SCALE
	07.11.07		BRACKET ASSEMBLY	1:1

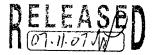


#### D3121-11 BRACKET

- 1) MATERIAL: 17-4 SS PER AMS 5604/5643 (REF DART SPEC. M17-4-B) MIN ULTIMATE TENSILE = 150 ksi MIN YIELD TENSILE = 100 ksi
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.015
- 5) ENGRAVE DART P/N & LOGO AS SHOWN
- 6) HOLE IN SPIGOT TO BE CONCENTRIC WITHIN 0.005



DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	APPROVED	DRAWING NO.	REV. E
4	<del>    </del>	D3121	SHEET 5 OF 10
DATE		TITLE	SCALE
07.11.07		BRACKET ASSEMBLY	. 1:2



 $\oplus$ 

DAYST

D3121-13

1.220 1.800 -

 $(\bigcirc)$ 

 $\bigcirc$ 

SEE

2.63

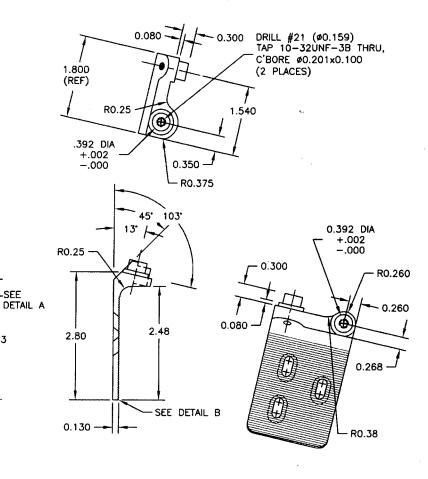
<u>6</u>

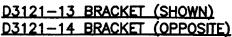
0.400 -

1.280

0.960

0.330



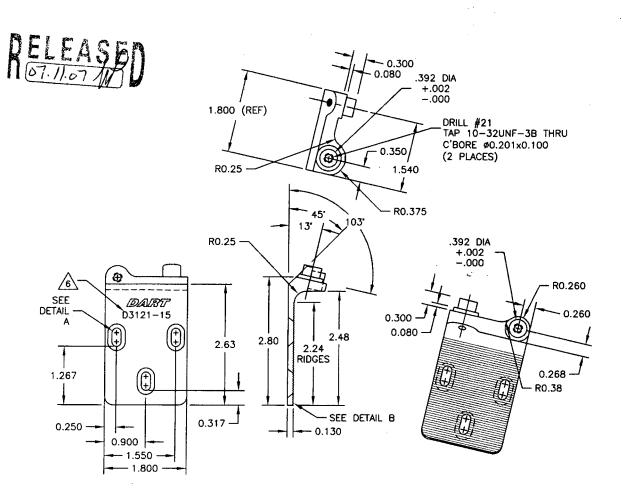


- 1) MATERIAL: 17-4 SS PER AMS 5604/5643 (REF DART SPEC. M17-4-B) MIN ULTIMATE TENSILE STRENGTH = 150 ksi MIN YIELD TENSILE STRENGTH = 100 ksi
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.015
- 5) ENGRAVE DART P/N & LOGO AS SHOWN
- 6) HOLE IN SPIGOT TO BE CONCENTRIC WITHIN 0.005

Copyright © 2002 by DART AEROSPACE LTD



DESIGN A DRAWN BY		DART AEROSPACE LTD HAW: ESBURY, ONTARIO, CANADA	
CHECKED	APPROVED	DRAWING NO.	REV. E
91		D3121	SHEET 6 OF 10
DATE		TITLE	SCALE
07.11.07		BRACKET ASSEMBLY	1:2



## D3121-15 BRACKET (SHOWN) D3121-16 BRACKET (OPPOSITE)

- 1) MATERIAL: 17-4 SS PER AMS 5604/5643 (REF DART SPEC. M17-4-B)
  MIN ULTIMATE TENSILE = 150 ksi
  MIN YIELD TENSILE = 100 ksi
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.015
- 5) ENGRAVE DART P/N AND LOGO AS SHOWN
- 6) HOLE IN SPIGOT TO BE CONCENTRIC WITHIN 0.005

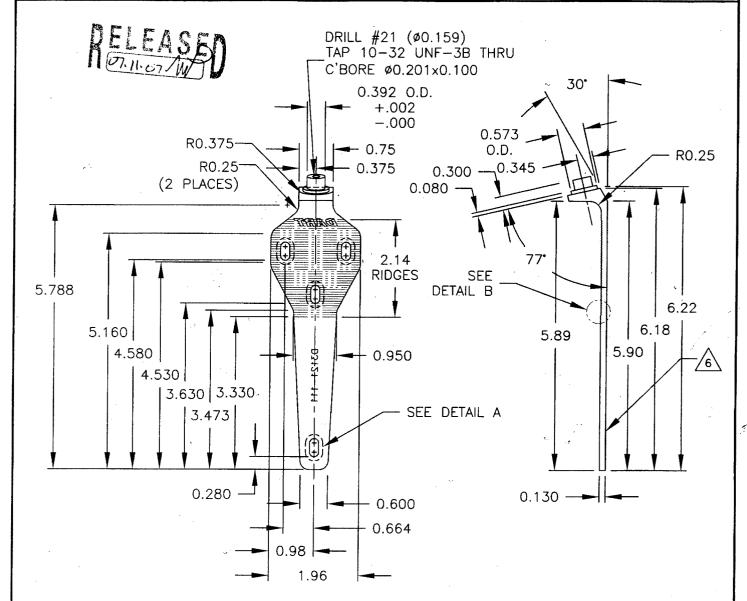
Copyright © 2002 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

95290



	DESIGN A DRAWN BY		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
	CHECKED _	APPROVED	DRAWING NO.	REV. E
	#		D3121	SHEET 7 OF 10
ı	DATE	• • • • • • • • • • • • • • • • • • • •	TITLE	SCALE
	07.11.07		BRACKET ASSEMBLY	1:2



#### **D3121-111 BRACKET**

- 1) REPLACES PREMIER P/N B32-23001-11
- 2) MATERIAL: 17-4 SS PER AMS 5604/5643 (REF DART SPEC. M17-4-B)

MIN ULTIMATE TENSILE = 150 ksi

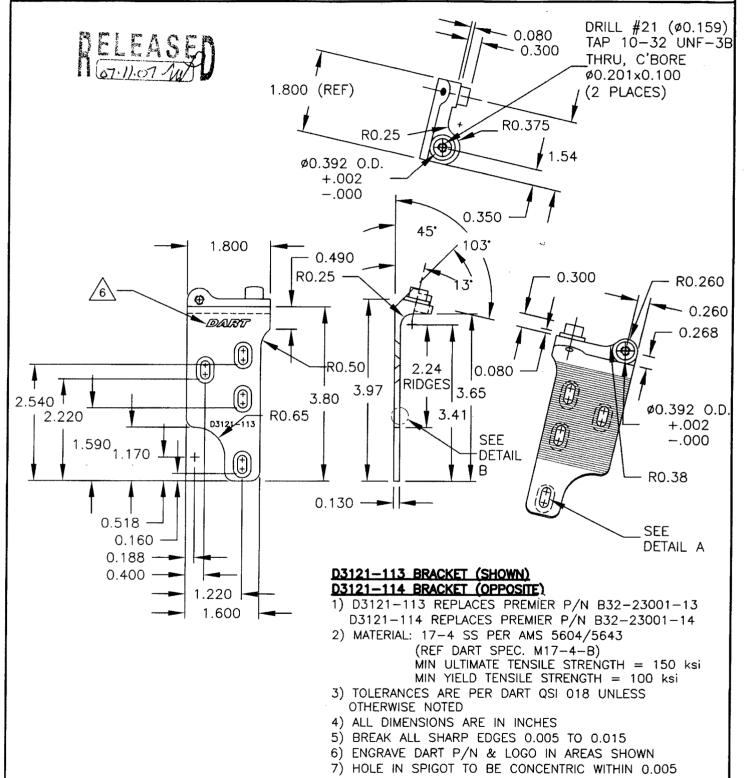
MIN YIELD TENSILE = 100 ksi

- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHEWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.015
- 6) ENGRAVE DART P/N & LOGO IN AREAS SHOWN
- 7) HOLE IN SPIGOT TO BE CONCENTRIC WITHIN 0.005





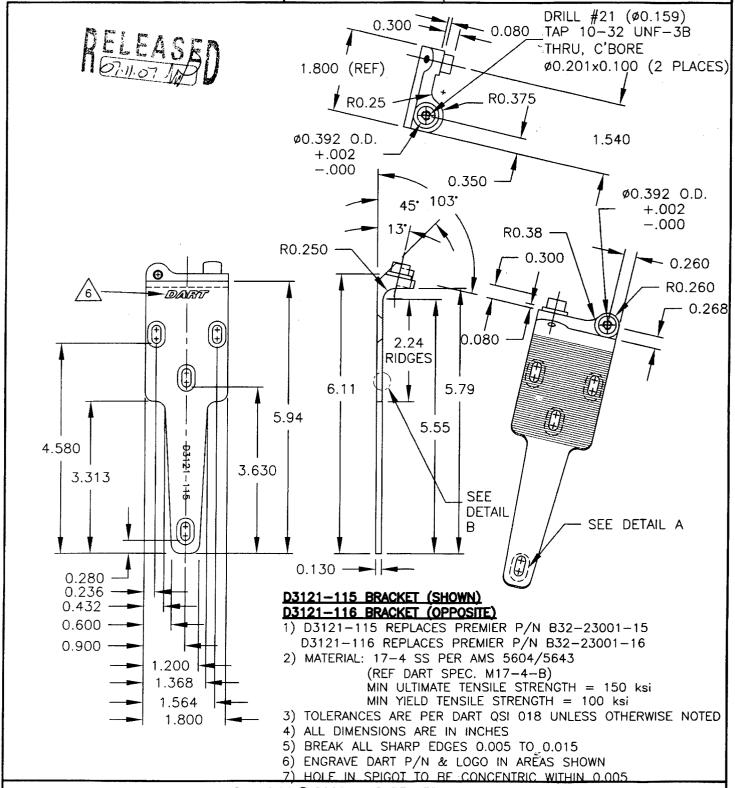
DESIGN DRAWN BY		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED _	APPROVED	DRAWING NO.	REV. E
#	#	D3121	SHEET 8 OF 10
DATE		TITLE	SCALE
07.11.07		BRACKET ASSEMBLY	1:2



Copyright © 2002 by DART AEROSPACE LTD

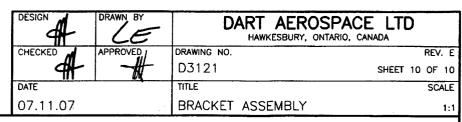


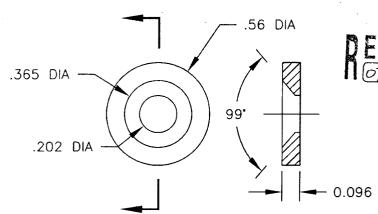
DESIGN A DRAWN BY		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	APPROVED	DRAWING NO.	REV. E
#	<b>-#</b>	D3121	SHEET 9 OF 10
DATE		TITLE	SCALE
07.11.07		BRACKET ASSEMBLY	1:2



Copyright © 2002 by DART AEROSPACE LTD

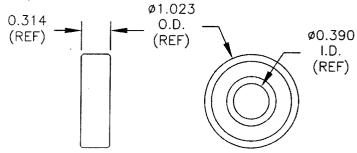






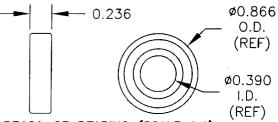
#### D3121-17 WASHER (SCALE 2:1)

- 1) REPLACES PREMIER P/N B32-23001-17
- 2) MATERIAL: AISI 303 SS ROUND BAR, ANNEALED (REF DART SPEC. M303R)
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.015



#### D3121-19 BEARING (SCALE 1:1)

- 1) POSSIBLE SUPPLIER: KING BEARING P/N 6000-2ZJ/EM FAFNIR P/N 9100KDD
- 2) ALL DIMENSIONS ARE IN INCHES



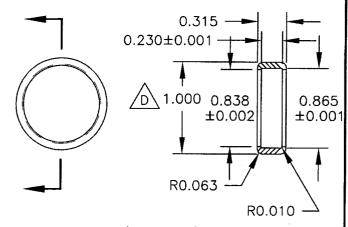
#### D3121-23 BEARING (SCALE 1:1)

- 1) POSSIBLE SUPPLIER: SKF P/N 61900-2Z OR KML P/N 6900-ZZ
- 2) ALL DIMENSIONS ARE IN INCHES

### 0.375 -TAP 10-32 UNF-3A - 0.080 - 0.050 TO 0.060

#### D3121-21 BOLT (SCALE 1:1)

- 1) MATERIAL: AISI 303 SS HEX, ANNEALED (REF DART SPEC. M303H0.500)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.015

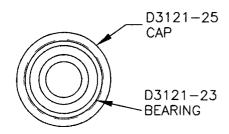


#### D3121-25 CAP (SCALE 1:1)

1) MATERIAL: DELRIN ROD, Ø1.25

(REF\_DART SPEC. M-DELRIN-R1.250)

- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES



D3121-241 BEARING ASSEBLY (SCALE 1:1)